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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/844,821 | 04/27/2001 | Doo Sang Park | 2080-3-18 | 3336 |

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EXAMINER

AILES, BENJAMIN A

| | |
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| ART UNIT | PAPER NUMBER |
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2142

DATE MAILED: 03/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/844,821

Applicant(s)

PARK, DOO SANG

Examiner

Benjamin A Ailes

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-22 have been examined.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 19-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Regarding claim 19, the claim states on page 14, lines 8-9, "...storing information such as various advertisements, guides, bulletins, etc. transmitted from an external network or a local network;..." By the use of "etc." it is unclear as to what the applicant defines as the information to be stored by the invention. For examination proceedings, the examiner will assume the claim should state "...storing information such as various advertisements, guides, or bulletins transmitted from an external network or a local network;..."

5. Claims 20-22 are rejected due to their dependency on claim 19.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Montalbano (U.S. 5,838,775), hereinafter referred to as Montalbano.

8. Regarding claims 1 and 10, Montalbano discloses an information display apparatus, comprising:

- a gateway system for converting protocols of an external network and a local network for information exchange between the external network and local network (col. 5, lines 42-50);
- a plurality of terminals connected to the local network (col. 5, lines 50-52); and
- an information server for storing various information transmitted from the external network or local network, transmitting the information to each terminal in an on-hook status thereof after checking the on-hook status of the terminal, and displaying the information on a display unit of the terminal (col. 4, lines 8-13 and col. 4, lines 50-57).

9. Regarding claims 2 and 11, in accordance with claims 1 and 10, respectively, Montalbano discloses the apparatus wherein the plurality of terminals are PC phones and Internet phones using Internet protocols for data communication (col. 2, line 66 – col. 3, line 14).

10. Regarding claims 3 and 12, in accordance with claims 1 and 10, respectively, Montalbano discloses the apparatus wherein each terminal includes a memory means for storing information transmitted from the information server, and a control means for controlling the storing of the transmitted information in the memory means of the terminal (col. 4, lines 23-32).

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11. Regarding claims 4 and 13, in accordance with claims 3 and 12, respectively, Montalbano discloses the apparatus wherein the control means of the terminal judges a call status of the terminal itself (col. 4, lines 50-57).

12. Regarding claims 5 and 14, in accordance with claims 4 and 13, respectively, Montalbano discloses the apparatus wherein the possible call status of the terminal is one of an on-hook status or an off-hook status (col. 4, lines 50-57).

13. Regarding claims 6 and 15, in accordance with claims 3 and 10, respectively, Montalbano discloses the apparatus wherein the terminal includes a display means for displaying information stored in the memory means of the terminal (col. 3, lines 15-17 and col. 2, lines 11-19).

14. Regarding claims 7 and 16, in accordance with claims 1 and 10, respectively, Montalbano discloses the apparatus wherein the information server includes a memory means for storing various information transmitted from the external network, and a control means for judging the respective call status of each of the plurality of terminals (col. 2, lines 15-19 and col. 4, lines 50-57).

15. Regarding claims 8 and 17, in accordance with claims 7 and 16, respectively, Montalbano discloses the apparatus wherein the control means of the information server transmits the information stored in the memory means thereof to each terminal in an on-hook status (col. 4, lines 8-13 and col. 4, lines 50-57).

16. Regarding claims 9 and 18, in accordance with claims 7 and 16, respectively, Montalbano discloses the apparatus wherein the control means of the information

server updates contents of the memory means of the information server when new information is received thereby (col. 2, lines 11-19).

17. Regarding claim 19, Montalbano discloses an information display method, comprising:

- storing information such as various advertisements, guides, bulletins, etc. transmitted from an external network or a local network (col. 2, lines 11-19 and 31-40);
- transmitting the stored information to a plurality of terminals during an on-hook status thereof after judging a call status of the plurality of terminals connected to the local network (col. 4, lines 8-13 and col. 4, lines 50-57) ; and
- controlling the plurality of terminals so as to display the received information (col. 3, lines 15-17 and col. 2, lines 11-19).

18. Regarding claim 20, in accordance with claim 19, Montalbano discloses the method wherein in the transmitting step the stored information is transmitted to the plurality of terminals based on judging a call status of only a pre-selected one of the plurality of terminals (col. 2, lines 33-40).

19. Regarding claim 21, in accordance with claim 19, Montalbano discloses the method wherein the controlling step comprises the sub-steps of:

- storing the received information at each terminal (col. 2, lines 15-19);
- judging the call status of each terminal storing the information (col. 4, lines 50-57); and

- displaying the stored information on each terminal during an on-hook status thereof (col. 4, lines 8-13 and col. 4, lines 50-57).

20. Regarding claim 22, in accordance with claim 21, Montalbano discloses the method wherein the judging step further comprises: ceasing the display of the stored information on the terminal when the terminal assumes an off-hook status, and again displaying the stored information when the terminal next assumes an on-hook status (col. 4, lines 50-57).

Response to Arguments

21. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection. Because new grounds of rejection are being applied against substantively unamended claims, this action is NON-FINAL.

Conclusion

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Giordano, III et al. (U.S. 6,285,364) disclose a method and apparatus for organizing and displaying internet and telephone information

Watanabe et al. (U.S. 6,014,687) disclose a system for audio communication between two terminals connected to the Internet network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin A. Ailes, whose telephone number is (571)272-3899. The examiner can normally be reached on Monday-Friday (7:30-5).

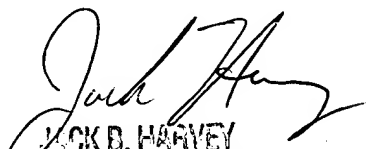
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached at (571)272-3896. The fax phone number for the organization where this application or proceeding is assigned is (703)872-3906.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [benjamin.ailles@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Benjamin Ailes
Patent Examiner
Art Unit 2142


JACK D. HARVEY
SUPERVISOR, PATENT EXAMINER